

**Res. Asst. PhD NİHAL GÜMÜŞBAŞ
ÖZTÜRK**



Personal Information

Email: nihalgumusbas@akdeniz.edu.tr

Web: <https://avesis.akdeniz.edu.tr/nihalgumusbas>



Education Information

Undergraduate, Anadolu University, Faculty Of Economics, İktisat, Turkey 2008 - 2019

Postgraduate, Akdeniz University, Faculty Of Science, Matematik, Turkey 2013 - 2016

Undergraduate, Mimar Sinan Fine Arts University, Faculty Of Arts And Sciences,
Matematik, Turkey 2007 - 2011

Dissertations

Postgraduate, Cebirsel Fonksiyon Cismi Kulelerinde Weierstrass Semigrup, Akdeniz University, Institute of Science,
Matematik, 2016

Research Areas

Mathematics, Field Theory and Polynomials, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Akdeniz University, Faculty of Science, Department of Mathematics, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Almost symmetric Arf partitions**
GÜMÜŞBAŞ ÖZTÜRK N., TUTAŞ N., ER N.
TURKISH JOURNAL OF MATHEMATICS, vol.44, no.6, pp.2185-2198, 2020 (SCI-Expanded)
- II. **A Decomposition of Arf Semigroups**
GÜMÜŞBAŞ ÖZTÜRK N., TUTAŞ N.
FILOMAT, vol.34, no.2, pp.491-498, 2020 (SCI-Expanded)
- III. **Young tableaux and Arf partitions**
TUTAŞ N., Karakas H. I., Gumusbas N.
TURKISH JOURNAL OF MATHEMATICS, vol.43, no.1, pp.448-459, 2019 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Parçaları Bir Asal Sayının Kuvveti Olan Arf Parçalanışları**

Gümüşbaş Öztürk N.

36. Ulusal Matematik Sempozyumu, Amasya, Turkey, 9 September - 14 November 2024, pp.54

II. Arf Parçalanışları Ve Bazı Özel Sınıfları

Gümüşbaş Öztürk N., Tutaş N., Karakaş H. İ.

36. Ulusal Matematik Sempozyumu, Amasya, Turkey, 9 - 12 September 2024, pp.40

III. ALMOST SYMMETRIC ARF C–SEMIGROUPS AND PARTITIONS

Tutaş N., Gümüşbaş N., Karakaş H. İ.

International Meeting on Numerical Semigroups 2024, Jerez, Spain, 8 - 12 July 2024, pp.1

IV. 4 Uzunluklu Arf Parçalanışları

Gümüşbaş Öztürk N., Tutaş N.

34. Ulusal Matematik Sempozyumu, İzmir, Turkey, 29 August - 03 September 2022, pp.53-54

V. Arf Partitions and Symmetry

Gümüşbaş Öztürk N.

IACIAME 2021, Antalya, Turkey, 1 - 03 October 2021, pp.111

Supported Projects

TUTAŞ N., GÜMÜŞBAŞ N., ER N., Project Supported by Higher Education Institutions, Sayısal Semigruplar ve Tamsayı Parçalanışları Üzerine Araştırma, 2020 - 2022

Metrics

Publication: 8

Citation (WoS): 5

Citation (Scopus): 9

H-Index (WoS): 1

H-Index (Scopus): 2

Congress and Symposium Activities

International Conference on Artificial Intelligence and Applied Mathematics in Engineering, Attendee, Antalya, Turkey, 2021

Workshop on Polynomials and Curves Over Finite fields, Attendee, İstanbul, Turkey, 2019

Antalya Algebra Days XXI, Attendee, İzmir, Turkey, 2019

Antalya Algebra Days XX, Attendee, İzmir, Turkey, 2018

Workshop on Finite Fields, Function Fields and Their Applications, Attendee, İstanbul, Turkey, 2018

International Autumn School on Computational Number Theory, Attendee, İzmir, Turkey, 2017

Antalya Algebra Days XVII, Attendee, İzmir, Turkey, 2015